



Embarked Scientists

34 "Beakers"

In 1990-1991, the scientific communities of the United States and Canada, represented in the U. S. by the National Science Foundation, and in Canada, by the Institute of Ocean Sciences, a branch of the Department of Fisheries & Oceans (DFO), asked the U. S. and Canadian Coast Guards to provide icebreakers to support a joint scientific environmental arctic research program.

The expedition was named the Canadian/U. S. Arctic Ocean Section. The term "section" refers to the cross section of the ocean from sea surface to sea floor which was sampled as the ships cut across basins and ridges. The Canadian Basin is the only ocean basin in the world for which no ocean section has been completed. One of the aims of the project was to produce baseline measurements comparable to those compiled for the rest of the world's

oceans.

Professor Knut Aagaard of the University of Washington in Seattle, WA, was the Expedition Leader and Chief Scientist. Dr. Arthur Grantz, of the U. S. Geological Survey in Menlo Park, CA, and Dr. Ed Carmack, of the Institute of Ocean Sciences in Sidney, B. C., were the senior scientists aboard POLAR SEA and LOUIS S. ST. LAURENT, respectively.



top (left to right): Peter C. Brickell, James Rich, Kevin O'Toole, Walter Olson, Steven D. May, Stanley A. Moore, Jr., William C. Robinson, John P. Christensen, Kent Berger-North
middle (left to right): Charles Geen, Fred Payne, Michel Gosselin, John Grovenstein, Patrick E. Hart, Patricia A. Wheeler, Nathalie Simard, Evelyn Sherr, Delphine Thibault, Bonnie Jean Mace, Lisa Clough, Hazen W. Bosworth, Daniel Lubin, Walter B. Tucker, Anthony J. Gow, LT April Brown
bottom (left to right): LCDR Stephen Wheeler, Elizabeth Osborne, Michael W. Mullen, Rubin Sheinberg, Erk Reimnitz, R. Lawrence Philips, Arthur Grantz, Robert Writner, Lawrence Schultz, Mary O'Brien

not pictured: Knut Aagaard